Amendments to the Specification

Please replace the paragraph beginning at page 3, line 15, with the following rewritten paragraph:

That is, firstly, the present invention provides an oriented sintered silicon carbide product characterized in being a sintered compact ~~of~~ including an α silicon carbide with the orientation ~~control~~ controlled as the main component.

Please replace the paragraph beginning at page 3, line 18, with the following rewritten paragraph:

Then, secondly, the present invention provides the above-mentioned oriented sintered silicon carbide product characterized in being a sintered compact ~~of~~ including an α silicon carbide with the orientation controlled by the application of a magnetic field as the main component.

Please replace the paragraph beginning at page 4, line 21, with the following rewritten paragraph:

Figures 3 show a schematic illustration of the direction of ~~both~~ the slip casting ~~and the applied magnetic field~~ and the X-ray diffraction profile of ~~an oriented~~ a sintered silicon carbide product prepared by the comparative example.

Please replace the paragraph beginning at page 7, line 4, with the following rewritten paragraph:

A slurry was produced by mixing 4.3 weight part of an alumina having a 0.5 μm average particle size as a sintering aid in 100 weight part of α-silicon carbide powders having a 0.5 μm average particle size, and dispersing the same in an aqueous solution measured so as to have a 30 vol% solid phase concentration, and adjusted to pH 10. In order to disperse the particles weakly aggregated at the time, ultrasonic agitation was carried out while dispersing with a stirrer. An

operation of pouring the slurry into a porous mold for absorbing the solution for the high density molding (slip casting) was executed in a magnetic field of 10T. As shown in FIG.1, the direction of the applied magnetic field was parallel to the casting direction. By heating the compact at 1,950°C for 2 hours in an argon atmosphere, an oriented sintered silicon carbide product was obtained. FIG. 2 shows the results of the X ray diffraction measurement of the obtained sintered product including an oriented sintered silicon carbide product as the main component.

Please replace the paragraph beginning at page 7, line 16, with the following rewritten paragraph:

From FIG. 2, it was confirmed that ~~an oriented sintered~~ a sintered product including an oriented silicon carbide ~~product~~ as the main component with the 2H (200) plane and the 6H (102) plane oriented neatly to the plane (T) perpendicular to the magnetic field applying direction and the (100) plane to the parallel plane (S) was obtained.

Please replace the paragraph beginning at page 7, line 21, with the following rewritten paragraph:

A compact was produced by slip casting of a slurry obtained in the same manner as in the example without applying the magnetic field. A sintered silicon carbide product was obtained by heating the compact at 1,950°C for 2 hours in an argon atmosphere. FIG. 3 shows the results of the X ray diffraction measurement of the obtained ~~oriented~~ sintered silicon carbide product.

Please replace the paragraph beginning at page 7, line 26, with the following rewritten paragraph:

From FIG. 3, it was confirmed that the similar diffraction lines were observed both in the plane (T) perpendicular to the ~~magnetic field applying direction~~ casting direction and the plane (S) parallel thereto so that the silicon carbide was not oriented in the obtained sintered compact.

Please replace the paragraph beginning at page 8, line 4, with the following rewritten paragraph:

~~Or~~ Of course the present invention is not limited to the examples mentioned above, and it is needless to say that various embodiments can be provided in the details.